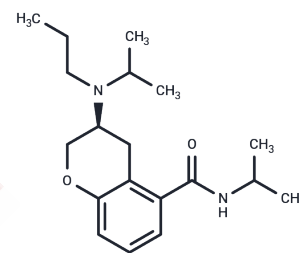


## (S)-Ebalzotan

## Chemical Properties

CAS No. :	294843-95-1
Formula:	C <sub>19</sub> H <sub>30</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	318.45
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	(S)-Ebalzotan is the S configuration of Ebalzotan. Ebalzotan is a 5-HT <sub>1A</sub> receptor agonist that is used in the study of depression.
Targets(IC <sub>50</sub> )	Others, 5-HT Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1402 mL	15.7011 mL	31.4021 mL
5 mM	0.628 mL	3.1402 mL	6.2804 mL
10 mM	0.314 mL	1.5701 mL	3.1402 mL
50 mM	0.0628 mL	0.314 mL	0.628 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Brenna E, Gatti FG, Malpezzi L, Monti D, Parmeggiani F, Sacchetti A. Synthesis of robalzotan, ebalzotan, and rotigotine precursors via the stereoselective multienzymatic cascade reduction of  $\alpha,\beta$ -unsaturated aldehydes. J Org Chem. 2013 May 17;78(10):4811-22.

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